

**NEW ABSTRACT**

Please insert the following abstract.

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A sliding electrical contact part is disclosed. The contact part includes a base of carbonaceous material and copper. The contact part is lead-free and contains zinc and iron-based particles having a size less than 500  $\mu\text{m}$ . The contact part is particularly suitable for electrical devices which require high friction densities and friction velocities, such as motor vehicle starters with a high power-to-weight ratio.